

**Technical Work Group  
of the Imperial Valley Study Group  
Minutes of June 30, 2005 Meeting**

In attendance: Mark Etherton, IID; John Kyei, CA ISO; Robert Jackson, Rich Sheaffer, SDG&E; Mohan Kondragunta, SCE; Dave Olsen, CEERT/CEC; Jose Santamaria, CFE; Barrie Kokanos, APS; Jim Kritikson, for Coral Power. Ken Bagley (Colorado River Transmission) also attended. The meeting convened at 9:00 AM and adjourned at 12:15 PM. Minutes were recorded by Dave Olsen.

**Post-Transient Analysis:** SDG&E received preliminary study results only on June 29. Most of the cases run appear to be well within planning margins. Robert Jackson will report in more detail at our next meeting.

**Study Plan for Phases 1a and 1b:** It was agreed that the TWG should evaluate the proposed development phases at a conceptual level, rather than as a System Impact Study. The level of detail provided by a SIS is not needed for IVSG purposes, and there is not enough time to complete such studies and still meet the September 30 target completion date. Mohan will talk with Dana Cabbell to find out whether SCE has adequate staff resources for a Phase 1a conceptual study. SDG&E agreed to commit the staff resources necessary to do the same.

Mark Etherton/IID will adjust the Heavy Summer and Light Autumn Base Cases to 2010 loads/resources and will send them to SCE and SDG&E to review and modify as necessary for each service territory for 2010. SDG&E will add its 2010 load into the HS/LA Base Cases by close of business on **July 11**; SCE will do the same by **July 13**. We will check that this work is on schedule via e-mail by **July 15**.

Mark will also set up the Phase 1a and 1b runs with new generation added at the Salton Sea. SCE will then model the Phase 1a flows (incremental 645 MW of new Imperial Valley generation across Path 42 to Devers) on its system; SDG&E will model Phase 1b flows (incremental 645 MW of new Imperial Valley generation delivered at the Imperial Valley substation) on its system. SDG&E commits to have preliminary results to discuss on our TWG conference call on **July 21**. The results of the Phase 1a/1b runs will determine how we study Phase 2.

**Production Simulations:** We confirmed that the ISO will perform production simulations on our final three alternatives (Alts 2, 2a and 3b, which export 2,000 MW from the Imperial Valley). We will then run simulations to evaluate Phase 1a/b on the best one of these three alternatives. John will finalize the base case, correct the network representation, and get fuel cost and O&M data by **July 21**. We will check his progress on our call that day. He will use average hydro conditions and average gas prices.

**TWG Final Report:** IID has capital cost estimates of the upgrades of its system proposed for all our study Alternatives. SCE (for Phase 1a) and SDG&E (for Phase 1b) will estimate

the costs of upgrades to their systems. SDG&E will include the costs of the design and construction only, without ROW costs, because it does not yet have specific routings identified. We will include these capital cost estimates in our Final Report.

We revised the schedule for Olsen, Barajas and Etherton to get a first rough draft out for review by the TWG to July 13. All TWG participants should be prepared to edit/send comments on this draft **by July 21**, so that we can discuss them during our call that day. Srs. Olsen/Barajas/Etherton will incorporate those comments and circulate a second draft by August 3, so that we can discuss it during our meeting on August 4.

We agreed that we should use PSLF one-line diagrams in our final report to explain the alternatives we have studied. These do not contain any geographic representation of routings.

**Minutes** of the June 14, 2005 TWG meeting were approved.

#### **Next Meetings:**

**July 21**, 2:00-4:00 PM, phone meeting. US: 1-877-292-2287; passcode #727167. Mexico call-in: 958002151724.

**August 4**, 2:00-4:00 PM, phone meeting. US: 1-800-966-1573; passcode #727154. Mexico call-in: 958002151724.

**August 10**, 9:00 AM- 12:30 PM. In-person meeting, San Diego location to be determined. This is the day after the STEP meeting (now Aug. 9), and immediately before the full IVSG meeting 1:00-4:00 PM on August 10.

**September 1**, 2:00-4:00 PM, phone meeting. Merrie Lamb will send the call-in numbers.